

**WHAT IS CLAIMED IS:**

1. A washing machine comprising:

a storage tank mounted vertically or horizontally for storing washing water;

5 an inner tub mounted vertically or horizontally inside the storage tank in a rotatable manner;

a load part including a motor for rotating the inner tub, water supply means for supplying water and drain means for draining water;

a drive micom for controlling the load part;

10 a key input part for allowing a user to input various operation orders or to set functions of the washing machine;

a display part for displaying the functions and operation conditions;

a memory capable of reading and writing and for storing operation algorithm of the washing machine and information related with the washing machine;

15 an interface part for inputting and outputting data with an external device; and

a system micom for controlling the drive micom for performing a washing operation corresponding to the user's operation order through the key input part, controlling the display part for displaying the corresponding operation condition or function and storing data transferred from the external device through the interface part into the memory.

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2. The washing machine as claimed in claim 1, wherein the display part is an LCD (Liquid Crystal Display).

3. The washing machine as claimed in claim 1, wherein the memory uses a flash

ROM.

4. The washing machine as claimed in claim 1, wherein the external device is a PC (Personal Computer) or a server.

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5. The washing machine as claimed in claim 1, wherein a communication port is added to connect the external device and the washing machine.

6. The washing machine as claimed in claim 1, wherein the external device and the interface part perform data transmission and reception according to RS-232C communication standard.

7. The washing machine as claimed in claim 1, wherein operation records or operation conditions of various loads of the load part are stored in the memory and transmitted to the external device through the interface part.

8. The washing machine as claimed in claim 1, wherein the system micom is integrated with at least one of the memory and the drive micom.

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